

**Commonwealth of Kentucky**  
**Division for Air Quality**  
**EXECUTIVE SUMMARY**

FINAL

Conditional Major, Construction / Operating

Permit: F-06-004

Owensboro Paving Company

Owensboro, KY 42303

January 17, 2007

Robert L. Williams, Reviewer

SOURCE ID: 21-059-00149

SOURCE A.I. #: 978

ACTIVITY ID: APE20050001

**SOURCE DESCRIPTION:**

Owensboro Paving Company is currently operating a batch hot-mix asphalt plant and a drum hot-mix asphalt plant at their Highway 60 East facility in Owensboro, Kentucky. They submitted an application on September 21, 2001 for a modification to their existing conditional major permit, F-99-001, to include the drying of magnetite in either of their asphalt plants. On August 13, 2003 Owensboro Paving Company submitted an application for the renewal of their existing conditional major permit, F-99-001. Included with the renewal application was a request for the new permit to allow the burning of #4 fuel oil in addition to natural gas at both plants. On November 30, 2005, the Division for Air Quality received another application regarding the permitting of coal at the drum mix plant. On July 10, 2006, the Division received emission factor information regarding the burning of coal in the drum mix plant.

The existing batch-mix plant is regulated under State Regulation 401 KAR 61:020, Existing Process Operations, and is limited to a production rate of 225,000 tons for any twelve-month consecutive period. The existing drum-mix plant is regulated under State Regulation 401 KAR 59:465, Standards of Performance for Hot-Mix Asphalt Plants, and is limited to a production rate of 500,000 tons for any twelve-month consecutive period.

Since Owensboro Paving Company has requested a modification to the type of fuel used at both plants, both plants will now be subject to State Regulation 401 KAR 60:005, Standards of performance for new stationary sources, which incorporates by reference 40 CFR 60.90 (40 CFR 60, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities). The new permit will be issued pursuant to State Regulation 401 KAR 52:030, Federally-enforceable permits for non-major sources and will be a construction / operating Conditional Major permit. The limits set forth in the permit will restrict asphalt production of the batch plant to 175,000 tons/year, and the drum plant will be restricted to 340,000 tons/year.

The source is currently operating under:

**Permit F-99-001**, signed February 26, 1999, which covers both their batch and drum hot mix asphalt plants and the haul road and yard area.

**PUBLIC, EPA, AND AFFECTED STATE REVIEW:**

On November 3, 2004, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in the Messenger-Inquirer in Owensboro, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA on November 3, 2004 via e-mail. No states are affected by this permit action. The public comment period expired 30 days from the date of publication. No comments were received during this period. Since the revisions were considered to be minor, it was not necessary to public notice the permit a second time. The permit is now being issued final.